Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	C.C. cutting								
	GF	Mtr.	--	--	--		25.00	212.00	5300.00
75	Supplying and fixing of class A (medium duty) GI pipe of wall thick ness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class (70/9)								
	50mm								
	GF	Mtr.	--	--	--	--	3.00	391.00	1173.00
76	Supplying and fixing L.T. cast iron pot heads suitable for 1.1 KV class UG cable filled with necessary bituumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc								
	25Sqmm								
	GF	Each	--	--	--	--	1.00	362.00	362.00
77	Supplying and running GI/Copper conductor for grounding and (along with other wires in conduit system of wiring) using necessary suitable size clamps, nails, guttas/spacers etc.,(75/23)								
	i) GI Wire c) 8 SWG								
	GF	Mtr.	--	--	--	--	15.00	19.50	293.00
	Civil Works								
78	**Removing B.S.** slab of Drain and stacking.(P-25, I.No-5.32)								
	Basic rate	62.00							
	11% AD-HOC	6.82							
	Sub Total-1	68.82							
	6% AW	4.13							
	Sub Total-2	72.95							
	Drain Slab								
	Shanthivana layout								
	3rd cross	2	89.00	1.80		320.40			
	4th cross	2	156.50	1.80		563.40			
	Amco Layout - 1st main								
	2nd cross	2	53.40	1.80		192.24			
	3rd cross	2	59.50	1.80		214.20			
	4th cross	2	56.00	1.80		201.60			
	16th cross CQAL Layout	2	179.00	1.80		644.40			
	8th main, 16th cross	2	216.80	1.80		780.48			
						2916.72	**Sqm**	**72.95**	**212772.39**
79	**Refixing** stone slabs of drains and pointing in C.M (1:3).(P-25, I.No-5.33)								
	Basic rate	76.00							
	11% AD-HOC	8.36							
	Sub Total-1	84.36							
	6% AW	5.06							
	Sub Total-2	89.42							
	Shanthivana layout								
	3rd cross	2	87.00	1.80		313.20			
	4th cross	2	140.50	1.80		505.80			
	Amco Layout - 1st main								
	2nd cross	2	48.40	1.80		174.24			
	3rd cross	2	54.50	1.80		196.20			
	4th cross	2	49.40	1.80		177.84			

Scanned by CamScanner

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
						149.14	Sqm	1067.18	159158.66
83	KSRB 5-11 Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 conforming to IS 2185 (Part) 2005 and constructed with CM 1:4 , as per IS 2572 2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No 5.4								
	Basic rate	716.00							
	11% AD HOC	78.76							
	Sub Total 1	794.76							
	6% AW	47.69							
	Sub Total 2	842.45							
	For Flagging Course								
	Shanthivana layout								
	3rd cross	1	174.10		0.40	69.64			
		1	12.90		0.20	2.58			
	4th cross	1	277.20		0.40	110.88			
		1	26.70		0.20	5.34			
	Amco Layout - 1st main								
	2nd cross	1	70.00		0.40	28.00			
		1	46.30		0.20	9.26			
	3rd cross	1	64.00		0.40	25.60			
		1	49.00		0.20	9.80			
	4th cross	1	72.00		0.40	28.80			
		1	33.00		0.20	6.60			
	16th cross CQAL Layout	1	150.50		0.40	60.20			
		1	34.00		0.20	6.80			
	8th main, 16th cross	1	130.50		0.40	52.20			
		1	65.30		0.20	13.06			
	4th cross Road	1	302.30		0.20	60.46			
	consider shoulder drain @ 30.00m	19x2	3.00		0.20	22.80			
						512.02	Sqm	842.45	431349.00
84	KSRB 15.1.1 Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications								
	Basic rate	97.00							
	11% AD HOC	10.67							
	Sub Total 1	107.67							
	6% AW	6.46							
	Sub Total 2	114.13							
	For Flagging Course pointing								
	Shanthivana layout								
	3rd cross	1	174.00		0.45	78.30			
		1	180.90		0.23	41.61			
	4th cross	1	283.80		0.45	127.71			
		1	74.20		0.23	17.07			
	Amco Layout - 1st main								
	2nd cross	1	76.80		0.45	34.56			
		1	76.00		0.23	17.48			

Scanned by CamScanner

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	4th Cross Road	2	151.00	0.15	0.10	4.53			
	For Gap								
	Shanthivana layout								
	3rd cross	2	178.00	0.10	0.100	3.56			
	4th cross	2	179.00	0.10	0.100	3.58			
	Amco Layout - 1st main								
	2nd cross	2	78.00	0.10	0.100	1.56			
	3rd cross	2	69.00	0.10	0.100	1.38			
	4th cross	2	62.00	0.10	0.100	1.24			
	16th cross CQAL Layout	2	200.00	0.10	0.100	4.00			
	4th Cross Road	2	151.50	0.10	0.100	3.03			
	Below Kerb								
	Shanthivana layout								
	3rd cross	2	178.00	0.20	0.100	7.16			
	4th cross	2	179.00	0.20	0.100	7.20			
	Amco Layout - 1st main								
	2nd cross	2	78.00	0.20	0.100	3.12			
	3rd cross	2	69.00	0.20	0.100	2.76			
	4th cross	2	62.00	0.20	0.100	2.48			
	16th cross CQAL Layout	2	200.00	0.20	0.100	8.00			
	4th Cross Road	2	151.50	0.20	0.100	6.06			
	consider shoulder drain @	19	3.00	0.75	0.100	4.28			
	At House Entrance for concrete								
		1	72.50	2.20	0.25	39.88			
						336.27	**Cum**	**6401.88**	**2152752.71**
82	KSRB 5.11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1.4 , as per IS 2572 2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4								
	Basic rate	907.00							
	11% AD-HOC	99.77							
	Sub Total-1	1006.77							
	6% AW	60.41							
	Sub Total 2	1067.18							
	For Flagging Course								
	Shanthivana layout								
	3rd cross	2	84.00		0.20	33.60			
	4th cross	1	47.50		0.20	9.50			
		1	6.50		0.40	2.60			
	Amco Layout - 1st main								
	2nd cross	1	6.80		0.40	2.72			
		1	29.70		0.20	5.94			
	3rd cross	1	26.00		0.20	5.20			
	4th cross	1	18.70		0.40	7.48			
	16th cross CQAL Layout	1	195.00		0.40	78.00			
		1	20.50		0.20	4.10			

Scanned by CamScanner

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	For Flagging Course P.C.C								
	SSM side								
	Shanthivana layout								
	3rd cross	2	177.50	0.45	0.10	15.98			
	4th cross	2	179.00	0.45	0.10	16.11			
	Amco Layout - 1st main								
	2nd cross	2	78.00	0.45	0.10	7.02			
	3rd cross	2	69.00	0.45	0.10	6.21			
	4th cross	2	62.00	0.45	0.10	5.58			
	16th cross CQAL Layout	2	200.00	0.45	0.10	18.00			
	8th main, 16th cross	2	97.50	0.45	0.10	8.78			
	4th cross road	2	159.60	0.45	0.10	14.36			
	Solid block side								
	Shanthivana layout								
	3rd cross	2	93.50	0.10	0.10	1.87			
		2	84.00	0.15	0.10	2.52			
	4th cross	2	152.00	0.10	0.10	3.04			
		2	27.00	0.15	0.10	0.81			
	Amco Layout - 1st main								
	2nd cross	2	58.15	0.10	0.10	1.16			
		2	18.25	0.15	0.10	0.55			
	3rd cross	2	56.50	0.10	0.10	1.13			
		2	13.00	0.15	0.10	0.39			
	4th cross	2	52.55	0.10	0.10	1.05			
		2	9.35	0.15	0.10	0.28			
	16th cross CQAL Layout	2	92.35	0.10	0.10	1.85			
		2	107.65	0.15	0.10	3.23			
	8th main, 16th cross	2	97.50	0.10	0.10	1.95			
	4th cross road	2	159.60	0.10	0.10	3.19			
	For Flagging Course Coping								
	Shanthivana layout								
	3rd cross	2	178.00	0.45	0.10	16.06			
	4th cross	2	179.00	0.45	0.10	16.15			
	Amco Layout - 1st main								
	2nd cross	2	78.00	0.45	0.10	7.04			
	3rd cross	2	69.00	0.45	0.10	6.22			
	4th cross	2	62.00	0.45	0.10	5.59			
	16th cross CQAL Layout	2	200.00	0.45	0.10	18.04			
	8th main, 16th cross	2	97.50	0.45	0.10	8.79			
	4th Cross Road	2	151.00	0.45	0.10	13.62			
	Solid block side								
	Shanthivana layout								
	3rd cross	2	178.00	0.15	0.10	5.34			
	4th cross	2	179.00	0.15	0.10	5.37			
	Amco Layout - 1st main								
	2nd cross	2	78.00	0.15	0.10	2.34			
	3rd cross	2	69.00	0.15	0.10	2.07			
	4th cross	2	62.00	0.15	0.10	1.86			
	16th cross CQAL Layout	2	200.00	0.15	0.10	6.00			
	8th main, 16th cross	2	97.50	0.15	0.10	2.93			

Scanned by CamScanner

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	16th cross CQAL Layout	2	156.00	1.80		561.60			
	8th main, 16th cross	2	193.30	1.80		695.88			
						2624.76	**Sqm**	**89.42**	**234710.24**
80	KSRRB 300-1. **Earthwork excavation** by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 1.5 m. excavated surface leveled and sides neatly dressed. the disposed earth to be leveled neatly after breaking of clods complete asper specifications MORTH / Chapter 3								
	Basic rate	82.00							
	11% AD-HOC	9.02							
	Sub Total-1	91.02							
	6% AW	5.46							
	Sub Total-2	96.48							
	10km Loading & unloading	100.00							
		196.48							
	Desilt								
	Shanthivana layout								
	3rd cross	2	177.50	0.55	0.60	117.15			
	4th cross	2	179.00	0.55	0.60	118.14			
	Amco Layout - 1st main								
	2nd cross	2	76.50	0.55	0.60	50.49			
	3rd cross	2	69.00	0.55	0.60	45.54			
	4th cross	2	62.00	0.55	0.60	40.92			
	16th cross CQAL Layout	2	200.00	0.55	0.60	132.00			
	8th main, 16th cross	2	248.50	0.55	0.60	164.01			
	4th Cross Road	2	151.00	0.55	0.60	99.66			
	For Flagging Course								
	Shanthivana layout								
	3rd cross	2	177.50	0.35	0.15	18.64			
	4th cross	2	179.00	0.35	0.15	18.80			
	Amco Layout - 1st main								
	2nd cross	2	76.50	0.35	0.15	8.06			
	3rd cross	2	69.00	0.35	0.15	7.27			
	4th cross	2	62.00	0.35	0.15	6.53			
	16th cross CQAL Layout	2	200.00	0.35	0.15	21.06			
	8th main, 16th cross	2	248.50	0.35	0.15	26.17			
	4th Cross Road	2	151.00	0.35	0.15	15.90			
						890.32	**Cum**	**196.48**	**174931.06**
81	KSRB 4-1.6 , Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications (P No 12,I No 4.6)								
	Basic rate	5441.00							
	11% AD-HOC	598.51							
	Sub Total-1	6039.51							
	6% AW	362.37							
	Sub Total-2	6401.88							

Scanned by CamScanner

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	3rd cross	1	64.00		0.45	28.80			
		1	75.00		0.23	17.25			
	4th cross	1	90.80		0.45	40.86			
		1	33.00		0.23	7.59			
	16th cross CQAL Layout	1	345.00		0.45	155.25			
		1	54.50		0.23	12.54			
	8th main, 16th cross	1	130.50		0.45	58.73			
		1	64.80		0.23	14.90			
	4th cross Road	1	302.00		0.23	69.46			
						722.10	**Sqm**	**114.13**	**82,413.08**
85	Providing **granite slabs** of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete (7.5cms thick)(I No-5.31.1,P No-25)								
	Basic rate	628.00							
	11% AD HOC	69.08							
	Sub Total-1	697.08							
	6% AW	41.82							
	Sub Total-2	738.90							
	Drain Slab								
	Shanthivana layout								
	3rd cross	2	90.50	1.80		325.80			
	4th cross	2	38.50	1.80		138.60			
	Amco Layout 1st main								
	2nd cross	2	28.00	1.80		100.80			
	3rd cross	2	15.00	1.80		54.00			
	4th cross	2	12.50	1.80		45.00			
	16th cross CQAL Layout	2	44.00	1.80		158.40			
	8th main, 16th cross	2	55.00	1.80		198.00			
						1020.60	**Sqm**	**738.90**	**754,126.24**
86	Providing and Fixing **pre cast covering Slab** made out of CC 1:2:4 with 10cm thick and Finishing cutting including form work curing,including cost of alll materials, labour,hire charges of machinery loading,unloading,lead and lift,transportation etc ,copmplete (Data Rate)								
	Data Rate	**2100.00**							
	Shanthivana layout								
	3rd cross	2	136.00	0.90		244.80			
	4th cross	2	117.00	0.90		210.60			
	Amco Layout - 1st main								
	2nd cross	2	41.00	0.90		73.80			
	3rd cross	2	28.55	0.90		51.39			
	4th cross	2	30.00	0.90		54.00			
		2	8.50	1.20		20.40			
	16th cross CQAL Layout	2	101.50	0.90		182.70			
		2	10.00	1.20		24.00			
	8th main 16th cross	2	97.60	0.90		175.68			
	4th Cross Road	2	151.00	0.90		271.80			
	consider shoulder drain @	19	3.00	0.60		34.20			
						1343.37	**Sqm**	**2100.00**	**28,207.77.00**

Scanned by CamScanner

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
87	Providing **granite slabs** of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete (10cms thick)(I No-5.31.2,P No-25)								
	Basic rate	779.00							
	11% AD-HOC	85.69							
	Sub Total-1	864.69							
	6% AW	51.88							
	Sub Total-2	916.57							
	Drain Slab								
	Shanthivana layout								
	3rd cross	2	41.50	0.90		74.70			
	4th cross	2	62.10	0.90		111.78			
	Amco Layout - 1st main								
	2nd cross	2	35.40	0.90		63.72			
	3rd cross	2	41.00	0.90		73.80			
	4th cross	2	23.70	0.90		42.66			
	16th cross CQAL Layout	2	76.55	0.90		137.79			
	8th main, 16th cross	2	133.50	0.90		240.30			
						744.75	**Sqm**	**916.57**	682[illegible]16.55
88	KSRB 5-8.2 : Providing one line dressing to granite stone slab / granite stone masonry as per specifications KBS 5.1.13 (I No-5.18,P No-23)								
	Basic rate	545.00							
	11% AD-HOC	59.95							
	Sub Total-1	604.95							
	6% AW	36.30							
	Sub Total-2	641.25							
	Drain Slab								
	Consider frm item 87					744.75			
						744.75	**Sqm**	**641.25**	47[illegible]68.70
89	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete ,complete(I No-5.30,P No-25)								
	Basic rate	313.00							
	11% AD-HOC	34.43							
	Sub Total-1	347.43							
	6% AW	20.85							
	Sub Total-2	368.28							
	Shanthivana layout								
	3rd cross	2	177.50			355.00			
	4th cross	2	164.00			328.00			
	Amco Layout - 1st main								
	2nd cross	2	76.40			152.80			
	3rd cross	2	63.00			126.00			
	4th cross	2	47.50			95.00			
	16th cross CQAL Layout	2	187.00			374.00			
	8th main, 16th cross	2	231.60			463.20			
	4th cross Road	2	151.50			303.00			

Scanned by CamScanner

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
						2197.00			
						4882.00	**NO's**	**368.28**	**179722.46**
90	KSRB 15-15.1 Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications. (I.No-15.51.1,P.No-117)								
	Basic rate	71.00							
	11% AD HOC	7.81							
	Sub Total-1	78.81							
	6% AW	4.73							
	Sub Total-2	83.54							
	Shanthivana layout								
	2nd cross	2	0.00	0.45		0.00			
	3rd cross	2	177.50	0.41		145.55			
	4th cross	2	164.00	0.40		131.20			
	Amco Layout - 1st main								
	2nd cross	2	76.40	0.40		61.12			
	3rd cross	2	63.00	0.41		51.66			
	4th cross	2	47.50	0.40		38.00			
	16th cross CQAL Layout	2	187.00	0.41		153.34			
	8th main, 16th cross	2	231.60	0.41		189.91			
	4th cross Road	2	151.50	0.41		124.23			
						895.01	**Sqm**	**83.54**	**74768.05**
91	KSRRB M300- Construction of Embankment with Material Gravel/ Murrum. KSRRB M300.53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) MORTH Specification No. 305								
	Basic rate	302.00							
	11% AD-HOC	33.22							
	Sub Total-1	335.22							
	6% AW	20.11							
	Sub Total-2	355.33							
	8th main, 16th cross	2	231.55	2.10	0.35	340.38			
	8th main, 16th cross road side	2	231.55	1.59	0.25	184.08			
	consider shoulder drain @ 30.00m	-19	3.00	0.60	0.30	-10.26			
						514.20	**Cum**	**355.33**	**182712.60**
92	KSRB 14.6-1: Providing and laying heavy duty cobble stones 70mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications. Specification No. KBS. (P.No. 101, I.No. 14.7)								
	Basic rate	970.00							
	11% AD-HOC	106.70							
	Sub Total-1	1076.70							
	6% AW	64.60							
	Sub Total-2	1141.30							
	8th main, 16th cross	2	231.55	2.10		972.51			
	8th main, 16th cross@ Home Entrance	2	49.10	2.00		196.40			
	consider shoulder drain @ 30.00m	-19	3.00	0.60		-34.20			

Scanned by CamScanner

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
						1134.71	Sqm	1141.30	1294046.79
93	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing including cost of alll materials, labour hire charges of machinery, loading, unloading, lead and lift transportation etc complete As per Engineer incharge (Data Rate)								
	Data Rate	5111.00							
	For DWCC entrance	1	5.00	1.50		7.50			
						7.50	Sqm	5111.00	38332.50
	Materials Required for DWCC								
94	Weighing Machines - 300kg								
	Data Rate	12000.00							
		1				1.00			
						1.00	Unit	12000.00	12000.00
95	Weighing Machines - 100kg								
	Data Rate	8000.00							
		1				2.00			
						2.00	Unit	8000.00	16000.00
96	Baler								
	Data Rate	3000.00							
		1				2.00			
						2.00	Unit	3000.00	6000.00
97	Storage Racks, Measurement : 17ft x 2ft x 6ft								
	Data Rate	10000.00							
		1				4.00			
						4.00	Unit	10000.00	40000.00
98	Fire extinguisher								
	Data Rate	2000.00							
		1				2.00			
						2.00	Unit	2000.00	4000.00
99	First Aid Kit								
	Data Rate	500.00							
		1				5.00			
						5.00	Unit	500.00	2500.00
100	PVC Sacks								
	Data Rate	25.00							
		100				100.00			
						100.00	Unit	25.00	2,500.00
101	Office table and Chair								
	Data Rate	6000.00							
		1				5.00			
						5.00	Unit	6000.00	30000.00
102	Wardrobe								
	Data Rate	7000.00							
		1				1.00			
						1.00	Unit	7000.00	7,000.00
103	Stationary : Books for accounts, paper and pen. White board with pen (marker)								
	Data Rate	3200.00							
		1				3.00			
						3.00	Unit	3200.00	9,600.00
104	Sorting table : 6ft x 12 ft. (Leg 1.2 ft). Use tetra pack on the top and fabrication								
	Data Rate	24500.00							
		1				4.00			
						4.00	Unit	24500.00	98,000.00
105	BESCOM DEPOSIT CHARGES								
						1.00	Ls	15000.00	15,000.00

Scanned by CamScanner

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
						15625669.03		Total Construction Cost	15266488.00
						1718823.59		11.00% KRIDL Charges	1679305.32
						155400.00		PMC Charges	155400.00
						17499892.62		Sub Total	17101117.32
						107.38		Utility Shifting,Miscellaneous and Rounding off	398882.68
	GRAND TOTAL								17500000.00

Certificate

1. The workspot was inspected and works is found to be necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike limits.
3. The rates adopted based on the PWD SR,Bangalore circle for year 2016-2017, issue rates and Data Rates 11% AD-HOC is added as per order issued on 06-02-2018
4. The Provisions made in the estimate are Necessary and essential.

Assistant Engineer
Yelahanka Project Division

Assistant Executive Engineer
Yelahanka Project Division

Executive Engineer 7.10.1
Yelahanka Project Division

Administrative Approval

Accorded For Rs.175.00lakhs
Head of A/C P-3298
CER NO :25/17-18 Dt: 12/1/18

A.E. (Project) 12/1

Technical Sanction

Accorded For Rs.175.00lakhs
Head of A/C P-3298
CER NO 261/17-18 Dt: 26/2/18

TA CE (YNK)

Scanned by CamScanner